# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L4 | 15534 | (descriptor handle) near4 (buffer memory) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:55 |
| L5 | 3357 | 710/29,33,34,52,57.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:47 |
| L6 | 100 | position adj (count counter) near4 buffer | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:48 |
| L7 | 0 | 4 same 6 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:48 |
| L8 | 7 | 4 and 6 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:49 |
| L9 | 437 | 4 and 5 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:49 |
| L10 | 21 | 9 and codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:49 |

| L11 | 4895 | 4 same (transfer$4 send$3 transmit$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:55 |
|---|---|---|---|---|---|---|
| S9 | 1 | "20050172040".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 12:23 |
| S10 | 2 | "20050114569".pn. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/09/12 15:00 |
| S11 | 0 | isochronouse near3 pci | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/09/12 15:00 |
| S12 | 42 | isochronous near3 pci | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:18 |
| S13 | 0 | S12 same codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/09/12 15:01 |
| S14 | 15 | S12 and codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/09/12 15:56 |
| S16 | 240 | ((isochronous near3 pci) pci$express) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:18 |

| S17 | 24 | S16 and (track$4 full empty position) near3 buffer | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:19 |
|-----|-----|-----|-----|-----|-----|-----|
| S18 | 34 | S16 and (track$4 full empty position) near3 (buffer memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:01 |
| S19 | 21002 | S18 codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:20 |
| S20 | 9 | S18 and codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:01 |
| S21 | 184070 | (track$4 full empty position value) near3 (buffer memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:23 |
| S22 | 194908 | (track$4 full empty position value) near3 (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:31 |
| S23 | 174 | S22 with codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:24 |
| S24 | 14 | S23 and isochronous | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:24 |

| S25 | 15 | (track$4 full empty position value) near3 (buffer memory fifo queue) with controller with codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:42 |
|-----|------|------|------|------|------|------|
| S26 | 1 | (track$4 updat$4) near3 (full empty position value) near3 (buffer memory fifo queue) with controller with codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:43 |
| S27 | 1 | (track$4 updat$4) near3 (full empty position value) near3 (buffer memory fifo queue) with codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2005/12/21 08:43 |
| S28 | 5625 | (track$4 updat$4) near3 (full empty position value) near3 (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:13 |
| S29 | 4 | S28 same codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:13 |
| S30 | 8 | ("20010016883" \| "20010056353" \| "5247671" \| "5648778" \| "5799064" \| "5878217" \| "6263410" \| "6279119").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 08:57 |
| S31 | 2 | S30 and codec | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 08:57 |
| S32 | 1 | S30 and (track$4 updat$4) near3 (full empty position value) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 08:58 |
| S33 | 17246 | audio near4 stream$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 08:59 |
| S34 | 3736 | S22 and S33 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 08:59 |
| S35 | 3387 | codec with (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 08:59 |

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| S36 | 220 | S34 and S35 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 09:00 |
|---|---|---|---|---|---|---|
| S37 | 19358 | value near4 (position location) with (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 09:01 |
| S38 | 18 | S36 and S37 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/21 09:01 |
| S39 | 261 | ((isochronous near3 pci) pci$express) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:03 |
| S40 | 37 | S39 and (track$4 full empty position) near3 (buffer memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:01 |
| S41 | 10 | S40 and codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:02 |
| S42 | 15 | (pci$express (pci adj express)) and (audio near4 codec) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:04 |
| S43 | 5793 | (track$4 updat$4) near3 (full empty position value progress) near3 (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 13:11 |
| S44 | 4 | S43 same codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:16 |
| S45 | 17483 | audio near4 stream$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/10 09:15 |

| S46 | 136 | S43 and S45 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/10 09:15 |
|-----|-----|-------------|------------------------|----|----|------------------|
| S47 | 102 | S43 and codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:17 |
| S48 | 24 | S46 and S47 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 09:17 |
| S49 | 5359 | (track$4 updat$4) near3 (position value progress) near3 (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 13:11 |
| S50 | 1302 | (track$4 updat$4) near3 (position) near3 (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 13:11 |
| S51 | 4 | S50 same codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/10 13:11 |
| S53 | 0 | "further consisting" | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:43 |
| S54 | 21 | (system main) adj memory with position with value with writ$3 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:02 |

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|---|---|---|---|---|---|---|
| S55 | 21 | (system main) adj memory with position with value with writ$4 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:05 |
| S56 | 1 | (system main) adj memory with position with track$3 with progress | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:05 |
| S57 | 4 | (system main) adj memory with position with track$3 with value | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:03 |
| S58 | 1 | (system main) adj memory with position with track$3 with flow | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:04 |
| S59 | 6 | (buffer or ((system main) adj memory) )with position with track$3 with flow | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:04 |
| S60 | 450 | (buffer ) with position with value with writ$4 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:10 |
| S61 | 5 | (buffer ) with position with track$3 with progress | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:09 |
| S62 | 2901 | 710/29,33,34,52,57.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 13:07 |

| S63 | 15 | S60 and S62 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:07 |
|-----|------|---------------------------------------------|-----------------------------------------------------|----|----|------------------|
| S64 | 2 | (buffer ) with location with track$3 with progress | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:09 |
| S65 | 4274 | (buffer ) with value with transfer$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:10 |
| S66 | 200 | S62 and S65 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:10 |
| S67 | 957 | S65 same (count counter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:11 |
| S68 | 70 | S67 and S62 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:11 |
| S69 | 5 | S67 same codec | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 13:13 |
| S70 | 2 | S60 same codec | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/17 14:15 |

| S71 | 62 | store near4 value with (position location) with (system main) adj memory | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 14:16 |
|-----|----|-----|-----|-----|-----|-----|
| S72 | 271 | stor$3 near4 value with (position location) with (system main) adj memory | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 14:16 |
| S73 | 34 | store near4 value near5 (position location) with (system main) adj memory | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 14:49 |
| S74 | 2 | store near4 (much many) near5 (position location) with (system main) adj memory | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/17 14:49 |
| S75 | 5606 | contact adj switching | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 09:01 |
| S76 | 0 | contact adj switching near5 ((system main) adj memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 09:01 |
| S77 | 0 | contact adj switching with ((system main) adj memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 09:02 |
| S78 | 23 | context adj switching with ((system main) adj memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/18 09:03 |

| S79 | 11 | context adj switching near3 dma | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 09:06 |
|-----|------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----|----|------------------|
| S80 | 0 | context adj switching near3 dmac | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 09:06 |
| S81 | 20 | context adj switching near5 dma$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/18 14:32 |
| S93 | 32 | (transfer$3 send$3 transmit$4 receiv$3) near4 (channel path link) with position adj (count counter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/19 15:30 |
| S94 | 12425 | position adj (count counter) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/19 15:03 |
| S95 | 95 | position adj (count counter) near4 buffer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/13 14:46 |
| S96 | 0 | S95 same codec | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/19 15:03 |
| S97 | 1 | S95 and codec near5 buffer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/19 15:03 |

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| S98 | 1 | position adj (count counter) near4 codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:04 |
| S99 | 32 | position adj (count counter) near4 link | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:24 |
| S10 0 | 104 | position adj (count counter) near4 (channel path) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:23 |
| S10 1 | 11 | position adj (count counter) near4 (channel path) with (transfer$3 send$3 transmit$4 receiv$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:23 |
| S10 2 | 5 | position adj (count counter) near4 link with (transfer$3 send$3 transmit$4 receiv$3) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:24 |
| S10 3 | 2904 | 710/29,33,34,52,57.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:26 |
| S10 4 | 1 | S95 and S103 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:27 |
| S10 5 | 0 | S100 and S103 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:27 |

| S10 6 | 1 | S99 and S103 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:27 |
|---|---|---|---|---|---|---|
| S10 8 | 22 | "5452432".pn. "5530941".pn. "5664197".pn. "5678009".pn. "5708849".pn. "5729762".pn. "5751994".pn. "5794070".pn. "5805842".pn. "6108743".pn. "5862387".pn. "5996038".pn. "6119189".pn. "6131127".pn. "6151654".pn. "6157970".pn. "6275242".pn. "6385671".pn. "6401144".pn. "6438686".pn. "6560657".pn. "6567953".pn. | USPAT | OR | ON | 2006/01/20 17:47 |
| S10 9 | 3094 | 710/29,33,34,52,57.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:08 |
| S11 0 | 15 | (track$4 full empty position value) near3 (buffer memory fifo queue) with controller with codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:08 |
| S11 1 | 454 | ((isochronous near3 pci) pci$express) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:08 |
| S11 2 | 58 | S111 and (track$4 full empty position) near3 (buffer memory) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:08 |
| S11 3 | 11 | S112 and codec | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:10 |

| S11 4 | 10 | S109 and S111 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:10 |
|-------|------|-----------------------------------------|----------------------------------------------|----|----|------------------|
| S11 5 | 6 | S109 and S112 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/07/17 14:10 |
| S11 6 | 97 | position adj (count counter) near4 buffer | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 14:56 |
| S11 7 | 0 | S116 same system adj memory | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 14:47 |
| S11 8 | 11 | S116 with memory | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 14:47 |
| S11 9 | 26 | azalia | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 14:56 |
| S12 0 | 3209 | 710/29,33,34,52,57.ccls. | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2007/04/23 12:47 |
| S12 1 | 1 | S116 and S120 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:42 |

| S12 2 | 6050 | (track$4 updat$4) near3 (position value progress) near3 (buffer memory fifo queue) | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:55 |
|---|---|---|---|---|---|---|
| S12 3 | 52 | S120 and S122 | US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB | OR | ON | 2006/11/13 16:57 |

4/23/07 4:50:44 PM

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